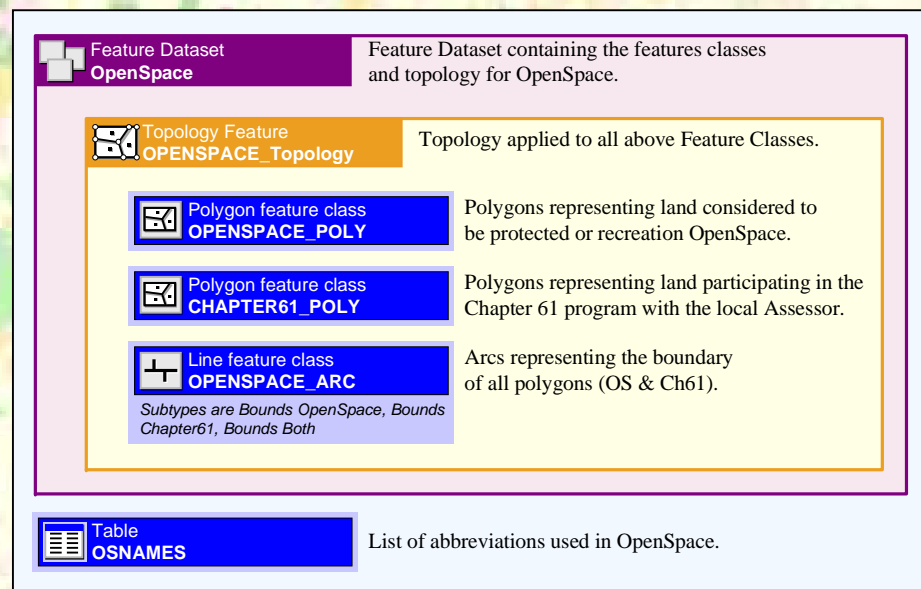


MassGIS Protected & Recreational OpenSpace Schema

OpenSpace land and Chapter 61 land are explicitly separated but both participate in the "rules-based" topology. Both polygon feature classes are bounded by the arcs feature class that is itself broken into sub-classes. Domains are used for attribute validation.

Geodatabase Summary



Geodatabase:

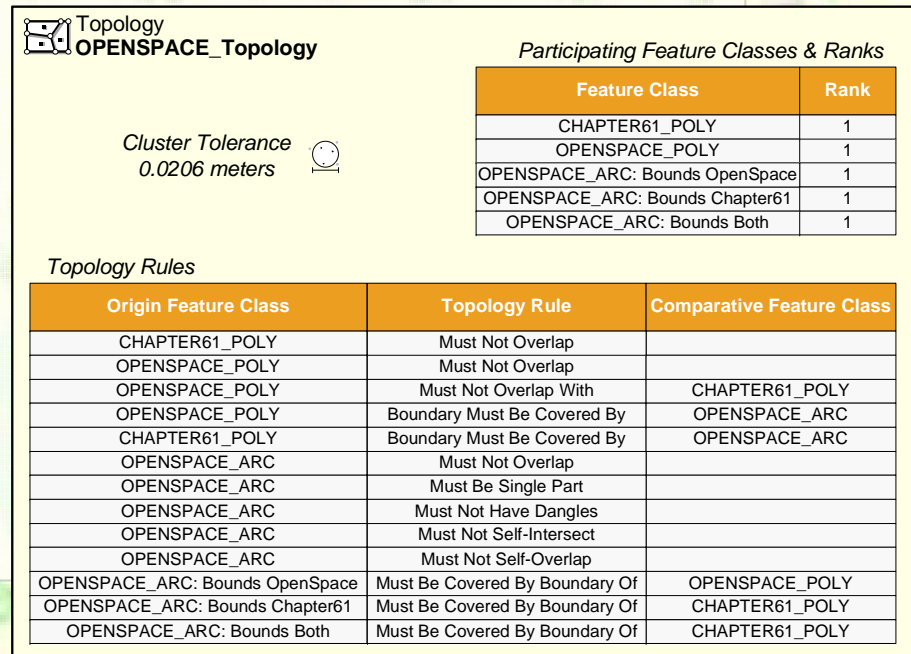
\\sun420.env.state.ma.us\GISDATA.sde

Date generated:

Wednesday, June 7, 2006

Versions:

SDE.DEFAULT
SCOSTELLO.OS_DBA
<EDITOR1>.OS_EDITOR
<EDITOR2>.OS_EDITOR
Etc...



Geodatabase Detail

Simple feature class OPENSOURCE_POLY						Geometry Polygon
						Contains M values: No Contains Z values: No
Field name	Data type	Allow nulls	Default value	Domain	Precision Scale Length	
OBJECTID	Object ID					
TOWN_ID	Short Integer	No		Town_ID1	3	
FEE_OWNER	Text	No				100
ABRV_FEE_OWNER	Text	Yes				20
TYPE_FEE_OWNER	Text	No		OS_Type		1
MANAGER	Text	Yes				100
ABRV_MANAGER	Text	Yes				20
TYPE_MANAGER	Text	Yes		OS_Type		1
OTHER_1	Text	Yes				100
ABRV_OTHER_1	Text	Yes				20
TYPE_1	Text	Yes		OS_Type		1
INT_1	Text	Yes		OS_Interest_Type		1
OTHER_2	Text	Yes				100
ABRV_OTHER_2	Text	Yes				20
TYPE_2	Text	Yes		OS_Type		1
INT_2	Text	Yes		OS_Interest_Type		1
OTHER_3	Text	Yes				100
ABRV_OTHER_3	Text	Yes				20
TYPE_3	Text	Yes		OS_Type		1
INT_3	Text	Yes		OS_Interest_Type		1
GRANTPROG1	Text	Yes		OS_Projects		20
GRANTTYPE1	Text	Yes		OS_Type		1
GRANTPROG2	Text	Yes		OS_Projects		20
GRANTTYPE2	Text	Yes		OS_Type		1
PROJ_ID1	Text	Yes				20
PROJ_ID2	Text	Yes				20
PROJ_ID3	Text	Yes				20
EOEAINVOLV	Short Integer	No	0	OS_EOEInv		1
FY_FUNDING	Short Integer	Yes		FiscalYear		4
BOND_ACCT	Text	Yes				20
SITE_NAME	Text	Yes				120
ALT_SITE_NAME	Text	Yes				120
GIS_ACRES	Double	No	0		10 4	
PRIMARY_PURP	Text	No	X	OS_Primary_Purpose		1
PUB_ACCESS	Text	No	N	OS_Public_Access		1
LEV_PROT	Text	No	N	OS_Level_Protection		1
ARTICLE97	Short Integer	No		OS_Art97		1
CAL_DATE_REC	Text	Yes				10
DEED_ACRES	Double	No	0		10 4	
OS_DEED_BOOK	Long Integer	Yes			6	
OS_DEED_PAGE	Long Integer	Yes			5	
ASSESS_ACRES	Double	No	0		10 4	
ASSESS_MAP	Text	Yes				10
ASSESS_BLOCK	Text	Yes				10
ASSESS_LOT	Text	Yes				10
ASSESS_SUBLOT	Text	Yes				10
BASE_MAP	Text	Yes				10
SOURCE_MAP	Text	Yes				50
SOURCE_TYPE	Text	Yes	X	OS_Alt_Source		10
COMMENTS	Text	Yes				255
ATT_DATE	Date	No	7/4/1776		0 0 8	
LOC_ID	Text	Yes				15
DCAM_ID	Long Integer	Yes			7	
FEEYSM	Text	No				20
INTSYSM	Text	No				20
OS_ID	Text	Yes				9
Shape	Geometry	Yes	NAD 1983 StatePlane meters: Mass. Mainland			
Shape.Area	Double	Yes			0 0	
Shape.Len	Double	Yes			0 0	

All Protected and Recreational Open Space in Massachusetts

Unique code identifying the MA Town the polygon resides within.
Owner of the land represented by the polygon (Pays taxes).
Abbreviation of FEE_OWNER kept in OSNAMES table.
Code specifying the classification of FEE_OWNER.
Manager of the property (only if different from FEE_OWNER).
Abbreviation of MANAGER kept in OSNAMES table.
Code specifying the classification of MANAGER.
Entity holding INT_1 on the property.
Abbreviation of OTHER_1 kept in OSNAMES table.
Code specifying the classification of OTHER_1.
Code specifying the type of interest held by OTHER_1.
Entity holding INT_2 on the property.
Abbreviation of OTHER_2 kept in OSNAMES table.
Code specifying the classification of OTHER_2.
Code specifying the type of interest held by OTHER_2.
Entity holding INT_3 on the property.
Abbreviation of OTHER_3 kept in OSNAMES table.
Code specifying the classification of OTHER_3.
Code specifying the type of interest held by OTHER_3.
Code specifying what grant program was used on this property.
Code specifying the classification of the GRANTPROG1.
ID code for parcel (state use only).
Second ID code for parcel (state use only).
Third ID code for parcel (state use only).
Code for level of EOE agency involvement.
Fiscal Year project was completed (state use only).
Bond account used for project/polygon (state use only).
Name of the site (May span multiple polygons).
Alternate name of the site (May span multiple polygons).
Acreage of polygon as calculated by GIS.
Code for why the land was protected/improved.
Code for legal (not physical) level of public access to parcel.
Code for the level of protection upon the parcel.
Is the parcel protected under Article 97 of MA Consti.
Date last alteration to deed was recorded.
The book that the deed was recorded in on CAL_DATE_REC.
The page of OS_DEED_BOOK that the deed was recorded in.
Acreage of polygon according to local assessor.
Local Assessor's Map.
Local Assessor's Block.
Local Assessor's Lot.
Local Assessor's Sublot.
Recombination map name/type.
Source map used to enter linework/attributes.
Code for type of attribute data source.
Any further explanatory comment.
Date attributes were last modified.
Link to MassGIS Standard Parcel data (LOC_ID).
Link to DCAM tables of state-owned land (ARCID).
Code for mapping ownership.
Code for mapping interests.
Unique ID for feature class (TOWN_ID|POLY_ID).

Simple feature class CHAPTER61_POLY						Geometry Polygon
						Contains M values: No Contains Z values: No
Field name	Data type	Allow nulls	Default value	Domain	Precision Scale Length	
OBJECTID	Object ID					
TOWN_ID	Short Integer	No		Town_ID1	3	
POLY_ID	Long Integer	Yes			5	
FEE_OWNER	Text	No				100
ABRV_FEE_OWNER	Text	Yes				20
TYPE_FEE_OWNER	Text	No		OS_Type		1
MANAGER	Text	Yes				100
ABRV_MANAGER	Text	Yes				20
TYPE_MANAGER	Text	Yes		OS_Type		1
SITE_NAME	Text	Yes				120
ALT_SITE_NAME	Text	Yes				120
GIS_ACRES	Double	No	0		10 4	
PUB_ACCESS	Text	No	N	OS_Public_Access		1
CH61_PROG	Text	No		OS_Chapter61		1
CAL_DATE_REC	Text	Yes				10
DEED_ACRES	Double	No	0		10 4	
OS_DEED_BOOK	Long Integer	Yes			6	
OS_DEED_PAGE	Long Integer	Yes			5	
ASSESS_ACRES	Double	No	0		10 4	
DOR_CODE	Short Integer	Yes		OS_DOR_Class2		3
ASSESS_MAP	Text	Yes				10
ASSESS_BLOCK	Text	Yes				10
ASSESS_LOT	Text	Yes				10
ASSESS_SUBLOT	Text	Yes				10
BASE_MAP	Text	Yes				50
SOURCE_MAP	Text	Yes				10
SOURCE_TYPE	Text	Yes	X	OS_Alt_Source		10
COMMENTS	Text	Yes				255
ATT_DATE	Date	No	7/4/1776		0 0 8	
LOC_ID	Text	Yes				15
CH61_ID	Text	Yes				9
Shape	Geometry	Yes	NAD 1983 StatePlane meters: Mass. Mainland			
Shape.Len	Double	Yes			0 0	
Shape.Area	Double	Yes			0 0	

Feature class of all land participating in Chapter 61 Tax Relief Program

Simple feature class OPENSOURCE_ARC						Geometry Polyline
						Contains M values: No Contains Z values: No
Field name	Data type	Allow nulls	Default value	Domain	Precision Scale Length	
OBJECTID	Object ID					
CODE	Short Integer	Yes		OS_Arc_Code		2
SOURCE_TYPE_PRIM	Text	Yes	X	OS_Spat_Source		10
SOURCE_TYPE_SEC	Text	Yes	X	OS_Spat_Source		10
ARC_DATE	Date	No	7/4/1776		0 0 8	
DROPLINE	Text	Yes				100
COMMENTS	Text	Yes				100
ARCSYM	Short Integer	Yes		OS_ArcSym2		2
Shape	Geometry	Yes	NAD 1983 StatePlane meters: Mass. Mainland			
Shape.Len	Double	Yes			0 0	

Subtypes of OPENSOURCE_ARC

Subtype field	Subtype Description
ARCSYM	Default subtype 0
0	Bad Arc
1	Bounds OpenSpace
2	Bounds Chapter61
3	Bounds Both

Arcs that bound all OpenSpace and Chapter61 polygons

Feature arc is coincident with.
Code for type of primary source arc is derived from.
Code for type of secondary source arc is derived from.
Date of last edit to arc geometry.
Symbolization code for dropping line within sites.
Any further explanatory comment.
Field to query out OS or Ch61 arcs.

Coded value domain OS_Arc_Code	
Description Type of arc-feature coincidence	
Field type	Short Integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	Unknown
1	Town Boundary
2	Road
3	Streambank
4	Lake Shoreline
5	Coastline
6	Railroad Line
7	Road or Railroad Right-of-Way
8	Utility Right-of-Way
9	Unsure if coincident

Coded value domain OS_Spat_Source	
Description Codes for spatial source documentation	
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
NP	Digital Parcels (non-standard)
P1	Digital Parcels - Level I
P2	Digital Parcels - Level II
P3	Digital Parcels - Level III
MHD_TWNBN	Legislated Massachusetts Town Boundary
EOT	EOT 5K road centerline with ROW width
DD	Deed Description
SV	Georeferenced Survey
GSV	Geographic Coordinates from Survey
CS	COGO from survey
CD	COGO from deed
GP	GPS Survey (uncorrected)
GP_3_5	GPS Survey (3-5 m differential correction)
GP_1_3	GPS Survey (1-3 m differential correction)
GP_SUBM	GPS Survey (sub-meter differential correction)
RP	Georeferenced Plan
AS	Georeferenced Assessor's Map
DIG	Digital Data (exact source uncertain)
O	1/2 meter MassGIS Orthomosaic
GS	USGS Topographic Map
V	Local Volunteer on 25K base
OM	Other Map (see Comments field)
OO	Other Image (see Comments field)
X	Unknown

Coded value domain OS_ArcSym2	
Description Internal field for symbolization	
Field type	Short Integer
Split policy	Duplicate
Merge policy	Default value
Code	Description
1	Bounds OpenSpace
2	Bounds Chapter61
3	Bounds Both

Coded value domain Town_ID1	
Description List of Massachusetts municipalities	
Field type	Short Integer
Split policy	Default value
Merge policy	Default value
Code	Description
1	Town of Abington
2	Town of Acton
3	Town of Acushnet
4	Town of Adams
:	:
348	City of Worcester
349	Town of Worthington
350	Town of Wrentham
351	Town of Yarmouth

Coded value domain OS_Type	
Description Ownership/Interest holder classes	
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
F	Federal
S	State
C	County
M	Municipal
B	Public Non-Profit
L	Land Trust
G	Conservation Organization
N	Private Non-Profit
P	Private
O	Other
1	Disputed (State vs. State)
2	Disputed (State vs. Non-Profit)
3	Disputed (State vs. Municipality)
4	Disputed (State vs. Private)

Domain Detail

Coded value domain OS_EOEInv	
Description Type of EOE involvement	
Field type	Short Integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	No EOE involvement
1	EOEA funded
2	EOEA administered
3	Gifted to EOE

Coded value domain OS_Interest_Type	
Description Separated rights and related MA programs	
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
APR	Conservation Restriction
CAPR	Agricultural Preservation Restriction
AQR	Aquifer Protection
HPR	Historic Preservation Restriction
EASE	Easement (Official Restriction Only)
WR	Watershed Restriction
WRP	Wetlands Restriction Program
ROW	Right-of-Way
LH	Lease Holding
DR	Deed Restriction
LIC	License

Coded value domain OS_Projects	
Description EOE administered grant programs and projects	
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
SH	Self Help
USH	Urban Self Help
LWCF	Land and Water Conservation Fund
CPA	Community Preservation Act
SURF	Strategic Urban Recreation Facilities
ALA	Aquifer Land Acquisition
CPG	Conservation Partnership Grant
DWSP	Drinking Water Supply Protection
FLA	Forest Legacy Area

Coded value domain OS_Primary_Purpose	
Description Primary purpose for parcel	
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
A	Agriculture
B	Recreation and Conservation
C	Conservation
F	Flood Control
H	Historical/Cultural
O	Other
Q	Habitat
R	Recreation
S	Scenic (Official Designation Only)
U	Underwater
W	Water Supply
X	Unknown

Coded value domain OS_Public_Access	
Description Legal level of public access to site	
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
Y	Full Public Access
N	No Public Access
L	Limited Public Access
X	Unknown

Coded value domain OS_Level_Protection	
Description Measure of developmental resistance	
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
P	Perpetuity
T	Term Limited
L	Limited
N	None
X	Unknown

Coded value domain OS_Art97	
Description Is poly under Article 97 protection?	
Field type	Short Integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	No
1	Yes
9	Unknown

Description		Is poly under Article 97 protection?	
Field type	Short Integer		
Split policy	Default value		
Merge policy	Default value		
Code		Description	
0		No	
1		Yes	
9		Unknown	

Coded value domain			
OS_DOR_Class2			
Description		DOR coding for Chapter 61 Land Use	
Field type	Short Integer		
Split policy	Default value		
Merge policy	Default value		
Code		Description	